

## LIGHT-PROJECTING DEVICE

5

### ABSTRACT OF THE DISCLOSURE

10 A light-projecting device comprises a  
superimpose-plate, which is put on a focusing glass. A  
hollow pentagonal mirror has a roof reflecting plane,  
reflecting a light beam passing through the focusing glass  
and the superimpose-plate, a third reflecting plane,  
15 reflecting the light beam reflected on the roof reflecting  
plane, and an emergent opening through which the light beam  
reflected on the third reflecting plane passes. An  
illumination light beam output from a light source of a  
light-projecting optical system is reflected on a  
light-projecting prism, and radiated from the emergent  
20 opening to the third reflecting plane. The illumination  
light beam is reflected on the third reflecting plane and the  
roof reflecting plane, and is approximately perpendicularly  
radiated on the superimpose-plate.